

**AU Catalog 2005-2006 ACSC Addendum
(Developmental Studies/Research Seminars)
I. ACSC Developmental Studies Course Descriptions**

For Academic Year 2005-2006, ACSC students were required to take a Developmental Studies Course. Each course is a 5 semester hour course; one of which is required for completion of the Master's Degree or the ACSC Resident Diploma. Developmental Studies course descriptions follow:

AG 5500-Developmental Studies-Agile Combat Support

Course Description: In accordance with USAF force development goals, the AG course provides career-broadening education to mid-career officers in more than twenty-four representative combat support and operational functional areas. One of the Air Force's "Distinctive Capabilities," Agile Combat Support (ACS) describes the processes that ensure support forces and resources are ready to employ and sustain air and space forces in Global Engagement Operations across the full spectrum of military operations, anytime, anywhere. ACS is examined within the AG course primarily from strategic to operational points of view. Students are provided a forum to focus on the integration of ACS effects-based capabilities and key functional area tasks, with AF operational concepts, Air and Space Expeditionary Task Force (AETF) force modules, and the Aerospace Expeditionary Force. Additionally, students will be introduced to joint and coalition expeditionary operations to gain a better understanding of theater-wide joint expeditionary combat support operations. Students will apply their understanding of ACS CONOPS concepts and their integration with the AEF and AETF force modules, as they personally examine real-world challenges facing combat support forces in several applications and ACS-related site visits designed to put ACS theory into practice.

AI 5500-Developmental Studies-Air and Space Power Employment

Course Description: The Air and Space Power Employment Specialized Studies Course focuses on advanced analysis of current U.S. air operations planning and employment paradigms, and highlights issues that must be addressed in the future. Using the capabilities and processes of the Air Operations Center as a lens, this course will examine air and space doctrine in combination with contextual elements as they relate to operational-level employment of joint and combined air and space power. The primary learning mechanism is student participation in a high fidelity air and space employment exercise where students will analyze and apply principles and techniques introduced in previous ACSC courses and further developed in AI classes.

AQ 5500-Developmental Studies-Acquisition Management

Course Description: The Acquisition Management Specialized Studies Course provides a broad overview of the DOD systems acquisition process including the basics of systems program management and the developmental life cycle of a system from inception to disposal. This course covers the integration of business, technical and management activities, culminating in the application of acquisition policies, procedures, best practices and lessons learned to solve a variety of problems through the use of an integrated product team environment. The course will also investigate recent acquisition initiatives to reduce acquisition cycle time and incorporate agility into defense product development.

IC 5500-Developmental Studies for International Officers

Course Description: The Developmental Studies Course (IC) has been created for our ACSC International Officer students. Its goals are to further student understanding of, and ability to support, the operational level of war by providing hands-on interaction with the forces, units, and organizations Joint Commanders can employ across the spectrum of Coalition Operations while continuing to enhance their understanding of our culture. It seeks to combine ACSC operational learning objectives and the Defense Security Cooperation Agency (DSCA) Field Studies Program (FSP) objectives. The FSP objectives ensure international officers return to their homelands with an understanding of the responsibilities of governments, militaries and citizens to protect, preserve and respect the rights of every individual.

The course consists of 2 weeks of classroom education (lectures followed by extended question and answer time) addressing an array of political and military issues of particular importance to international officers which were touched upon in the core curricula but which I believe need further elaboration. There will also be site visits to Nellis AFB, Norfolk Naval Base, New York City, Little Creek NAB, and Ft. Rucker AB for hands-on exposure to many of the political and military organizations and capabilities addressed in the classroom.

IS 5500-Developmental Studies-Information Operations

Course Description: This course satisfies USAF force development goals by providing mid-level officers and civilian equivalents with a career broadening education on the capabilities and limitations of IO. Information Operations are the tools of a 21st century military and are required for the efficient achievement of national and joint force commander's objectives. This course will provide students with an understanding of IO core and supporting capabilities. In doing so, this course examines basic IO concepts, builds upon this conceptual foundation by exploring the functional aspects of IO in greater detail, and concludes with research visits to key IO organizations, an IO planning exercise, and cross briefing and reporting of student experiences.

MO 5500-Developmental Studies-Mobility Operations

Course Description: This course presents an overview of the mobility system as an element of the greater DOD transportation network. It will prepare officers with diverse backgrounds for assignment to mobility command or transportation staff billets. Students will comprehend key mobility functions and programs to include: major weapon systems, air mobility operations, support infrastructure, staff competencies, as well as command and control arrangements. Students will analyze current mobility challenges; apply critical thinking, and brief potential solutions.

PM 5500-Developmental Studies-Political-Military Affairs

Course Description: In accordance with USAF force development goals, the PM course cultivates a fundamental understanding of the pol-mil functions, the environment, the actors and issues, and the interagency process. The course provides the knowledge to critically examine current and future pol-mil operations and their application at the strategic and operational levels. Students will learn about the roles, responsibilities, and environment from some of the regional experts (both foreign and domestic). They will also learn about the interagency process from staffers within the Departments of State, Defense, and Commerce. The course will examine a range of tools used to foster alliances and partnerships between the United States and other countries. Students are also required to research a pol-mil topic and present it to the rest of the class.

XP 5500-Developmental Studies-Plans and Programs

Course Description: The Plans and Programs Developmental Studies course provides a foundation for both understanding the Department of Defense (DoD) resource allocation process (known as the Planning, Programming, Budgeting, and Execution (PPBE) construct) and being able to effectively interact with PPBE timelines and tools. The course begins with an introduction of fundamental PPBE concepts, including significant process players and important technical skills (writing and ability to use specific software applications). Students are then provided an overview of the strategic planning and resource programming processes, including participation in real-time processes in Washington, DC. Finally, students apply their understanding of the PPBE process as they develop and defend issues through exercises designed to simulate the resource deliberation and decision-making processes within the Air Force.

SO 5500-Developmental Studies-Space Operations

Course Description: As the DoD Executive Agent for Space, the Air Force is the lead service for charting the future for military space. As such, the SO course provides a foundational knowledge of the space medium. Students will comprehend how the exploitation of space supports national strategic objectives and how space capabilities generate effects in support of the AOC. The course culminates with a wargame exercise, allowing students to apply the principles, concepts, and processes learned throughout the course. Week one of the course, students are presented with a series of "space fundamentals" lessons focused on constraints, restraints, policy, doctrine, and national security strategy. Week two of the course covers "space utilization" to include non-DoD applications, Red and Blue Team analysis of COTS systems, other USG users/providers of space capabilities, and military space mission areas. Week three ties it all together with lessons on command and control of space forces and how space is incorporated into the AOC. Weeks four and five of the course demonstrates spacepower in action with first-hand exposure to space acquisitions and space operations at The Air Force Space and Missile Center, 14th Air Force, various space wings, and Air Force and Army Space Commands. Additionally, week five of the course, culminates with the Space Campaign Planning exercise in which students will apply concepts learned throughout the course to produce/brief the final deliverable.

II. ACSC Research Seminars Descriptions

For Academic Year 2005-2006, ACSC course requirements included a Research Seminar for completion of the Master's Degree or the ACSC Resident Diploma. Each research seminar is 4 semester hours credit. Descriptions of the Research Seminars follow:

RS 5610-Future Trends

Course Description: This course will preview the strategic international environment and discuss potential political, social, economic, environmental, technological, informational, and military challenges anticipated in the 2010-2050 timeframe. The goal of this course is to familiarize the student with emerging driving forces and key factors that affect planning for the future, the importance of planning for multiple futures, and how to identify signposts and indicators of potential alternative futures. Students will be exposed to various predictive and non-predictive planning models with emphasis on scenario-based planning as a viable tool for preparing for uncertain futures.

RS 5611-Grand Strategy

Course Description: The United States has struggled since the end of the Cold War to assess the critical dynamics of the strategic environment and to outline a comprehensive grand strategy and corresponding military strategy to address that strategic environment. The events of September 11, 2001 galvanized policymakers and led to the Bush Doctrine outlined in the 2002 National Security Strategy. This seminar will explore the post-Cold War evolution of US grand strategy/military strategy, focusing on the key events of the 1990s and the post-9/11 era.

RS 5612- Weapons of Mass Destruction: Challenge and Response

Course Description: In the December 2002 *National Strategy to Combat Weapons of Mass Destruction*, President Bush observed that “Our enemies have openly declared that they are seeking weapons of mass destruction, and evidence indicates that they are doing so with determination.” In order to comprehend the nature of this problem and measures to reduce its impact on American interests and military operations this course devotes three sessions to examine WMD proliferation, four sessions to explore possible responses to this problem, and three sessions to plan military operations at the operational level of war in a hypothetical WMD environment.

RS 5613- From Algeria to Afghanistan: Colonial Conflict and Counter-Insurgency

Course Description: Often the focus in PME is on large-scale conventional warfare, but much of the conflict of the last two centuries has been much smaller scale and often non-conventional. Colonial warfare and counter-insurgency form a crucial part of the study of military history. Western colonialism and imperialism in Africa and Asia were important phenomena of the 19th and 20th centuries. Many crises today are a partial result of past Western expansion. To better illustrate this part of history and its unique way of war, I would like to examine the French, British, and American experiences of colonial warfare and the indigenous response to it from 1830 to 1962.

RS 5614 - Information Operations

Course Description: This course is for students interested in learning about and researching topics that are relevant to information operations (IO). It will leverage the collective experiences of the class to create a collaborative learning environment for advanced discussions on all areas of IO. The sub-areas of interests are IO policy, integration of IO among its sub-disciplines and with conventional operations, electronic warfare, computer network operations, and influence operations. The contributions of information operations in attaining the objectives of the joint force commander are the centerpieces of discussion and research. Emerging Air Force concepts of information operations will be introduced and analyzed. The end product of the course will be a twenty five page individual research paper on a topic relevant to the Air Force and joint information operations.

RS 5615 – Joint Forces in Battle: CENTCOM AOR (2001 to present)

Course Description: This research seminar provides students the opportunity to identify, select, and conduct original research on an issue related to Operations ENDURING FREEDOM or IRAQI FREEDOM. While each student will investigate his/her own topic, the seminar as a whole will benefit from a common operational focus on the CENTCOM AOR. Each researcher is expected to apply functional expertise, recent experience, and disciplined research methods to define and investigate a relevant operational issue. Each student is expected to advise and provide constructive criticism to fellow seminar members on their research papers.

RS 5616 – Critical Thinking and Leadership

Course Description: This course will examine a methodology to develop critical thinking skills through a structured analysis of case studies centered on the challenges of leadership. It is well known that leaders must be able to identify, analyze, interpret, evaluate and arrive at responsible decisions. These activities correlate directly to the concepts of critical thinking. A second key requirement for exceptional leadership is a thorough familiarity and understanding of a subject environment or domain. The use of case studies provides one means to allow learners to gain experience, although vicariously, by examining and analyzing a variety of difficult issues within a particular context. The purpose of the course is to promote a thorough understanding of critical thinking and, through the use of cases, provide a concrete analysis process to support a leader's critical thinking skills.

RS 5617 – The Global War on Terrorism

Course Description: The 2005 National Defense Strategy opens with the line, "We are a nation at war." Specifically that war is The War on Terror (WOT) and it is in many ways a unique historical pursuit, far different than the operations the US military has come to think of as war over the course of the 20th century. The purpose of this course is to examine and assess both the nature of the WOT (what it is, what it is not, who the adversary is, what the strategic, operational, and tactical realities are, etc.), and to analyze how the United States should define victory and how the US military can aid in reaching that objective, however defined.

RS 5618 – Total Force: Yesterday, Today, and Beyond

Course Description: Today's Air Force cannot fight without the Air National Guard and Air Force Reserve. For example, 71% of the Air Force's theater airlift, 65% of the tanker force, and 40% of our fighters are within the Air National Guard and Air Force Reserve Command. Total Force is a reality and effective commanders will successfully integrate all available assets.

RS 5619 – Politics of NATO

Course Description: NATO's demise was predicted by many analysts and policy makers as the Cold War ended. The argument was that NATO's cold war mission of thwarting the Soviet military threat was accomplished. Therefore, just as the Warsaw Pact dissolved, so too would the trans-Atlantic alliance. In the face of such gloomy forecasts, NATO survived. In fact, it thrived. By the end of the 1990s, new members were added, and the alliance set about to rewrite its mission in Europe; a mission tested and, most would argue, proven successful in Kosovo. That success noted, however, NATO faces multiple challenges—many of them political. Today, people are again wondering about the relevance and sustainability of NATO in the face of recent and current tensions in trans-Atlantic relations.

RS 5620 – American Way of War

Course Description: This course examines the development and evolution of the American military establishment. By focusing on military strategy and policy, the course will critically analyze the ways in which Americans have conceptualized the application and use of military force.

RS 5621 – The Air Campaign: Theory and Practice

Course Description: The idea of an "air campaign" appeared almost concurrently with the development of military aviation. The course is designed to provide students with the theoretical and historical background necessary to both understand the concept of the air campaign and analyze and project its future.

RS 5622 – The US National Security Policy Making System

Course Description: This course will examine the U. S. national security policy making system in historical context, identifying the elements of national security policy making as a political process, assessing the effectiveness of the system, and proposing means of improving the effectiveness of the system at the individual, governmental and structural levels of analysis.

RS 5623 – Leading Change: Lessons for Military Leaders from the Civil Rights Movement

Course Description: Today's military must constantly adapt to change and innovate in order to maintain our military superiority. It falls upon our leaders both to seek out innovations and implement them within our organizations. The Civil Rights movement provides a profound case study from which to learn a variety of lessons about how to lead change both today and into the future. Additionally, these lessons apply not just to our past, but provide ideas for the future on how to integrate diverse groups when nation building. Transformation will not happen without leaders who understand the change process and how it impacts those they lead. This course takes an in-depth exploration of leadership and will also explore issues such as informal leadership, creativity, organizational cultures, and diversity.

RS 5624 – Transformation of War in the 21st Century

Course Description: How do you to fight and defeat the United States? How will you define success? How will you know you have won? This is a focused research elective requiring you to use your knowledge, experience, and imagination to answer those and relevant other questions. If we do not understand the context of warfare in a post 9/11 world, how can we ever expect to defeat our enemies? Why should our enemies fight us on our terms? They will surely lose. However, if they choose the time, place, and method they just might pull it off. We cannot take that chance!

RS 5625 – Airpower and Civil-Military Relations

Course Description: In this research seminar ACSC students will examine important topics in civil-military relations, focusing on both historical themes and recent/current cases related to airpower and airmen. The seminar will address the central question of whether there are particular issues associated with airpower and civil-military relations in the United States due to airpower's distinctive capabilities and its technological focus, the protracted struggle for recognition of airpower as an independent instrument and service within the US military, and the specific organization and culture of the US Air Force and its airmen. The principal aim of this course is to educate airmen in order to empower them to work professionally and effectively within the unique civilian-military system and culture of the United States, to better advance American national security.

RS 5626 – Military Commander and the Law

Course Description: Military commanders and other Air Force leaders face a legal threat environment that increased substantially in scope and complexity over the past decade. Adding to the current legal threat to commanders is the instant access technology provides, enabling any military member, dependent, or member of the public to elevate a complaint to the media and higher levels, both inside and outside DoD, with the click of a mouse. The Military Commander and the Law covers a broad range of legal issues including, among others, maintaining good order and discipline, the law of armed conflict, contracts and fiscal law in a deployed environment, the homosexual policy, civilian personnel issues, air and space law, information operations, free speech on military installations, environmental regulations, the Joint Ethics

Regulation (JER), computer crimes, and dealing with private organizations. The course provides ACSC students with an overview of current legal issues commanders and senior leaders are likely to confront in their efforts to accomplish mission requirements.

RS 5627 – Transformation of the United States Military

Course Description: Transformation has become a “buzz word” in today’s military that often evokes confusion and ire. This course demystifies transformation by exploring theory and current issues associated with the ongoing makeover of the U.S. Military. It explores in greater depth numerous transformation-related topics introduced in the ACSC curriculum. At the end of this course, the student will be better equipped to evaluate and support the process of transformation in the U.S. military.

RS 5628 – WWII and the Operational Art

Course Description: This course is constructed around an examination of important campaigns of the Second World War. Although understanding “what happened” is an important part of historical inquiry, we are more concerned here with the important lessons that can be learned from examining some of the great campaigns of the past. World War II was a watershed in the evolution of modern roles and missions, and offers many important lessons dealing with operational innovation, command of joint forces, integration of new technology, effective interservice cooperation, and other topics of very current interest.

RS 5629 – Genocide, Airpower and Intervention

Course Description: This course will examine the reoccurring phenomenon of genocide and investigate whether and how the United States might have used its instruments of power to respond before, during, and after outbreaks of genocide. Using case studies from the past (the Holocaust, Cambodia, Rwanda, and Yugoslavia), students will analyze: 1. how and why genocides occur and unfold, 2. how the United States and the international community have responded, 3. when and whether external military force can prevent genocide, and 4. what specific contributions air power can make once the decision is made to intervene. Student research papers will address the issue of genocide, air power and intervention, drawing either upon an historical example or an area of current concern.

RS 5630 – War for Public Opinion: Public Information, Propaganda, Military-Media

Course Description: The persistent war to win public opinion and support is perhaps the least understood strategic center of gravity an operational commander would face in any conflict. Yet, throughout history, wars have been won or lost largely due to the population’s willingness to support the operational goals of their government and military. As a result, U.S. commanders are obliged to confront the challenges associated with the near instantaneous availability of news and information to world populations. Commanders must understand how to effectively deal with the media and with enemy propaganda while simultaneously executing military operations. This course provides an opportunity to examine and better understand the important role public information and public affairs operations play in military operations. It is intended to help leaders comprehend how the new global information environment affects the battlefield of the 21st century and help them prepare to fight the next information war.

RS 5631 – Joint Special Operations

Course Description: Students in this course will produce individual research papers that advance our understanding of US special operations forces (SOF) organizations, missions, and capabilities at the operational level of war. The course will focus on SOF integration into theater campaigns and major operations. The course will also cover the unique aspects of SOF operations, such as involvement in the personnel recovery, civil-military operations and information operations. Students will also apply this acquired knowledge during an end-of-course exercise in which they will act as members of a Joint Special Operations Task Force (JSOTF).

RS 5632 – Strategy and Technology

Course Description: The next generation of operational and strategic leaders must be cognizant of the full spectrum of warfighting technologies currently under development. With weapon systems becoming increasingly interoperable and interdependent, a solid understanding of the basic principles of operation of a wide array of new and emerging systems is imperative. Therefore, this course will provide the student a strong foundation in the technological developments underway within military laboratories, particularly the Air Force Research Laboratory. Class time will be divided between laboratory and program office guest lecturers, an optional field trip to the Directed Energy and Space Vehicles Directorates of the Air Force Research Laboratory, and class discussions regarding the impact of these technologies on military doctrine and strategy.

RS 5633 – Today's AF Medical Service: Challenges of Expeditionary Medicine

Course Description: This course examines the capabilities of the Air Force Medical Service (AFMS) in support of military operations as we begin the 21st century. The emphasis is on medical readiness and Expeditionary Medical Support (EMEDS), with much less emphasis on peacetime medical care. EMEDS evolved extensively in the 1990's and as a result, AFMS doctrine was completely revised. Medical assets were modularized to be "light, lean and lifesavings" – deployable in small packages while retaining their medical capabilities. This modularization continues to evolve based on real world operations. Continued advances in medical technology (e.g., the fibrin bandage), combined with the right medics getting to the "fight" faster, potentially improves medical outcome. In addition, one issue we must always be aware of and work to prevent is the age-old problem of non-battle injury and illness. International Health Specialists (IHS) have added valuable expertise to commanders. Air Force medics have participated in multiple humanitarian relief operations (HUMRO) and military operations other than war (MOOTW). Medics are integral in preparation for and response to biological and chemical attacks, both during war fighting and in the context of homeland security. These topics and other aspects of medical support will be covered in depth during the course.

RS 5634 – The Other World War: Occupation, Resistance, and Liberation, 1939-1945

Course Description: For too long civilian and military thinkers have ignored the related problems of occupation, resistance, and liberation. This is reflected in the prevailing linear conceptualization of war, stretching from causation through combat to final victory. The outcome has been predictable—civilian agencies and military arms left unprepared to manage the tasks of maintaining order, managing economies, and integrating populations in the wake of conflict. This course uses the rich experience of the Second World War—both in Europe and Asia—as a laboratory to explore how belligerents have approached the problems of occupation, resistance, and liberation in historical perspective. The principle aim of the course is to educate

the judgment of civilian and military professionals to aid in dealing with similar problems as they meet them in contemporary peace operations, counterinsurgency, humanitarian interventions, and civil affairs.

RS 5635 – WWI: Fall of Innocence and the Rise of the Modern Era

Course Description: This course examines World War I (WWI) as a case study in modern warfare. It will survey the political and military climate of the participants which existed before the war, analyze the factors which contributed to the outbreak of hostilities, then discuss the plans, strategies, major campaigns, and major theaters of war throughout the four-year debacle. The course will also survey the technological innovations that characterized the war as well as surface and sub-surface operations at sea. Unlike more traditional surveys of the First World War, this course will look beyond the stalemate on the western front to analyze developments in the Dardanelles, Palestine, and Greece, as well as events on the Eastern Front. Finally, the course will examine the legacy of this “War to End All Wars,” surveying the lasting implications of the devastation, innovations, and the treaties that attempted to settle the underlying disputes (the Treaties of Versailles, Saint-Germain-en-Laye, Neuilly, Trianon and Sèvres). In addition to addressing the historical material, students will learn and practice research methods to apply insights gleaned from their WWI study to modern, operational challenges facing their respective services.

RS 5636 – Ethics in the Profession of Arms

Course Description: This course will begin with an open discussion of a range of cases covering key aspects of the military profession, from equal opportunity and evaluative practices to war fighting and treatment of enemy prisoners of war. These cases may serve as illustrative reference points throughout the course. Next we will set out a theoretical and legal background for discussion of military ethics, and then go on to analyze the concept of a ‘profession,’ portray the military as one of the fundamental professions in any political society, and explore the relationships of the military profession to its parent society and its individual participants. We will then seek to derive the necessary ethical dimensions of the military profession from its origin (a democratic society) and its end (providing for the common defense). Initially we will explore the Air Force’s position that core values are “functional imperatives,” focusing on “internal” policy and practice, e.g., how we interact with superiors and subordinates, how we train, administer rewards and punishments, build or break unit morale, and so forth. Finally we will focus on the “external” matter of how we deal with the enemy: Just War Theory and its applications will be central, with some considerable attention paid to military operations other than war (including the administration of prisons). Throughout a premium will be placed upon discussion, ideally of real cases drawn from students’ leadership experiences.

RS 5637 – The Great Captains

Course Description: This course will examine military strategy and the operational art of warfare by studying the biographies, ideas, and campaigns of some of the greatest military geniuses the world has ever seen. The course will offer case studies of a select group of great captains from the past, selected by both the instructor and the students. The research papers will focus on leadership lessons learned for today’s military officers and on the timeless lessons of strategy from past military campaigns.

RS 5638 – Intelligence, Surveillance and Reconnaissance Support to the Warfighter

Course Description: Joint Vision 2020 calls for decision superiority--making and implementing better decisions faster than the adversary can react. Decision superiority is only achieved

through the full integration of intelligence, surveillance, and reconnaissance (ISR) operations into the military campaign. For this to happen, commanders need to fully understand the ISR weapon system. On 14 January 2003, Dr. James G. Roche, Secretary of the Air Force, noted today's "current strategic environment offers a dynamic array of asymmetric threats, evolving partnerships and challenges, and dramatic advances in defense technology." This research seminar teaches students what every warfighter needs to know about strategic and operational intelligence operations across the spectrum of conflict.

RS 5639 – Vietnam War

Course Description: The Vietnam War remains one of the most contentious issues in American history. For instance, Americans today wonder if the war in Iraq will become a "Vietnam quagmire." Senator John Kerry has made his Vietnam service a centerpiece of his 2004 presidential campaign. Over the past three decades since the end of American involvement in the war, various lessons from the war have ossified into dogma, and we are nowhere near a consensus on why the war took place the way it did. A study of the war provides several opportunities for military officers. The political and cultural contexts of the war served to channel much of what occurred. The government and the military held fast to numerous underlying assumptions about Vietnam, its strategic importance, and the military solutions to communist aggression in that country. War is a process which changes society in unexpected ways; "strategic effects" often extend far beyond the battlefield. Operationally, the military suffered through mistakes, and made adaptations that often bore fruit. In sum, the Vietnam War is an unsurpassed opportunity for officers to examine the process of war, and is a gold mine of mistaken practices and thought processes that serve as object lessons for war fighters of today.

RS 5640 – Joint Spacemindedness (3 separate seminars)

Causes of Military Unrest: Case Studies in Mutiny, Desertion, and Insubordination

Course Description: The foundation of this course is developing an understanding of the implications concerning the United States' dependency on space and identifying shortfalls in past and current operational capabilities, concepts, and doctrine; propose a dialogue within the warfighting community on the organization, technology and thought of space power, and the need to advance joint spacemindedness. The Space Commission Report (2001) and AFDD 2-2.1, Counterspace Operations, are two watershed documents exploring the need to support national security objectives in, from and through space. We will use the above documents as a springboard for analyzing how to bridge the gap between existing space capabilities and how best to integrate space effects to the warfighter. Ultimately, we need to answer the question of how to bring space power to bear in near term postmodern warfare.

RS 5641 – Advanced Logistics

Course Description: The Advanced Logistics Research Seminar is designed for students who have a solid understanding of at least one logistics discipline and would like to increase their depth of knowledge within a particular area. Students will explore issues and topics that are current and relevant to military logisticians. Individuals will gain a better understanding of other logistics issues, outside their specific research topic, by sharing their findings with other seminar members.

RS 5642 – Demographics and Campaign Planning

Course Description: Course activities stress research and writing skills in addition to information acquired from guided discussions. The course will stress critical thinking and sound research methodology to derive inferences from which senior decision-makers can best apply the

national instruments of power and plan campaigns. Most, if not all, research topics will be drawn, in whole or in part, from the broad topic of demographic changes and national security interests. The seminar director may approve other topics in consultation with the student. All research topics must be approved by the seminar director before students begin research. Prior to meeting with the seminar director to discuss research topics, all students must create a research design that contains a thesis statement (i.e., your claim), shows the structure of the research paper, and provides a tentative timeline for the completion of tasks for researching and writing the paper. Students will avail themselves of the widest possible range of academic and operational sources to complete their research project. Throughout the course the seminar director will meet with students in seminar as well as on an appointment basis to discuss research topics, research progress, writing, or any other pertinent issues. This is an elective course, so you should be here because you want to contribute to this body of knowledge. As such, be an active participant in the class and take the research seriously.

RS 5643 – Joint Effects Wargame

Course Description: Student researchers explore the limits of Effects-Based Operations (EBO) theory and practice. Ideal research products support operational sponsor proposals by expanding how joint and service forces conceive and achieve sophisticated EBO campaigns.

RS 5644 – Squadron Commander’s Communities of Practice

Course Description: Commanding an Air Force squadron requires technical knowledge, concern for people, an understanding of the mission, and support from base agencies, peers, and supervisors. Today, those support assets are only available to commanders on the bases at which they serve. By leveraging technology, we can provide commanders with tools to help them tap into a global community of commanders, past and present, to better execute their mission.

RS 5645 – Gathering of Eagles (GOE)

Course Description: GOE is the capstone event for the ACSC class. It is both a group research project as well as an opportunity for the ACSC Class to hear from noted aviation pioneers. Started in 1982 to stimulate interest in aviation history, GOE is hosted by ACSC, and is a series of events that takes place the week of graduation. Sixteen “Eagles” (individuals who have made significant contributions to aviation heritage) are invited to spend several days with ACSC students to share their experiences and lessons learned. Forums include face-to-face meetings, on-stage teaching interviews, panel discussions, and social events. The program culminates in a presentation of the Eagles at the ACSC Graduation Ball.

RS 5650 – Regional Studies

Course Description: This course will identify significant national security concerns that exist within the countries of the region being studied. Then, broadening the scope of the discussion, comprehend how these national security concerns affect the broader context of regional security. Finally, students will evaluate current U.S. regional policies toward that region in light of the security concerns of the individual regions, and offer policy alternatives. Students will investigate topics in a rigorous fashion, in a seminar setting, and under the direction and guidance of a subject matter expert. Students satisfy the research requirement by accomplishing a research paper and participating in a lecture to the student body that presents their conclusions.